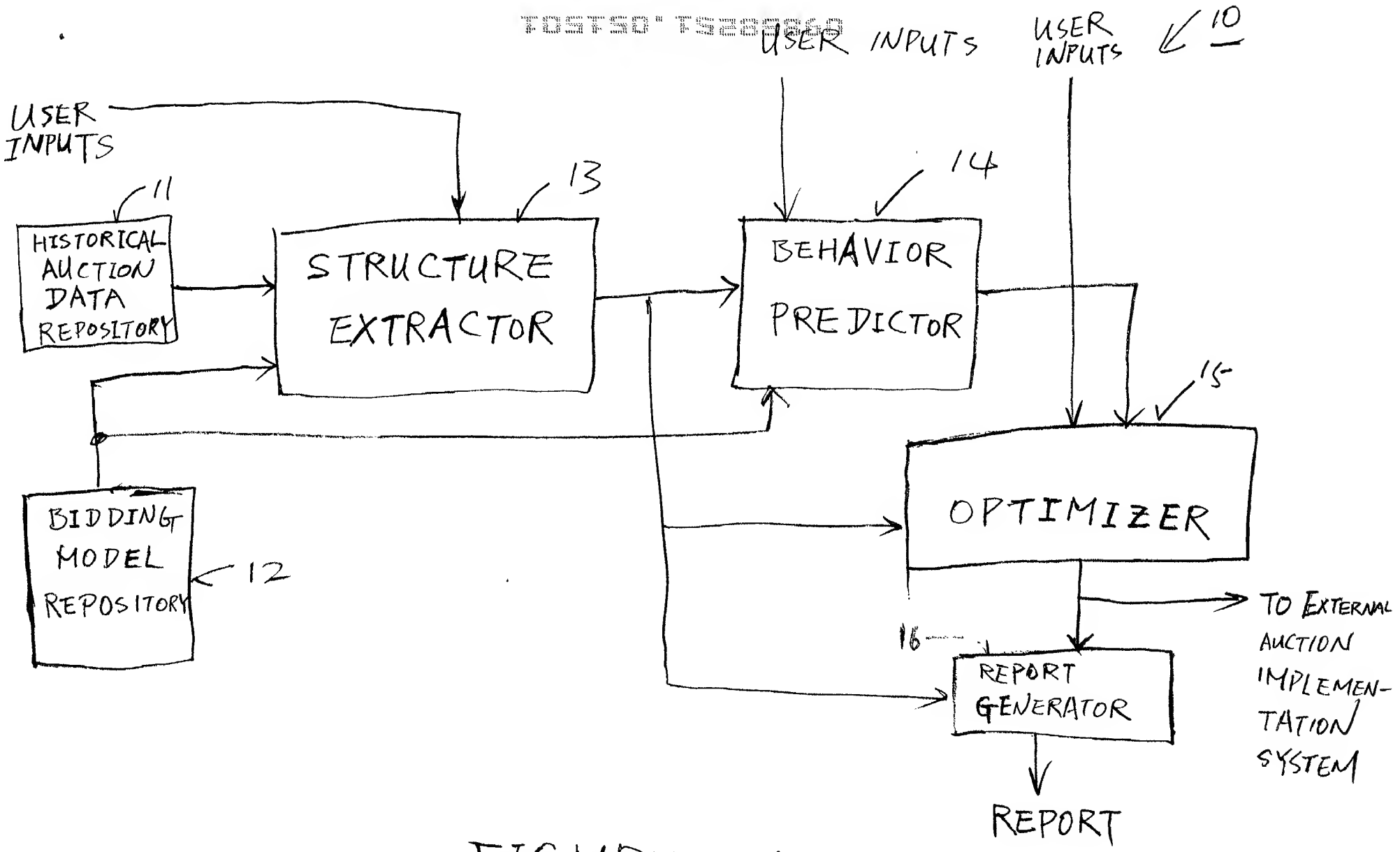
USER INPUTS
USER INPUTS
10
USER INPUTS
11
13
14
HISTORICAL AUCTION DATA REPOSITORY
STRUCTURE EXTRACTOR
BEHAVIOR PREDICTOR
15
OPTIMIZER
BIDDING MODEL REPOSITORY
12
TO EXTERNAL AUCTION IMPLEMENTATION SYSTEM
16
REPORT GENERATOR
REPORT

FIGURE 1

TOSTSO TS2858CO

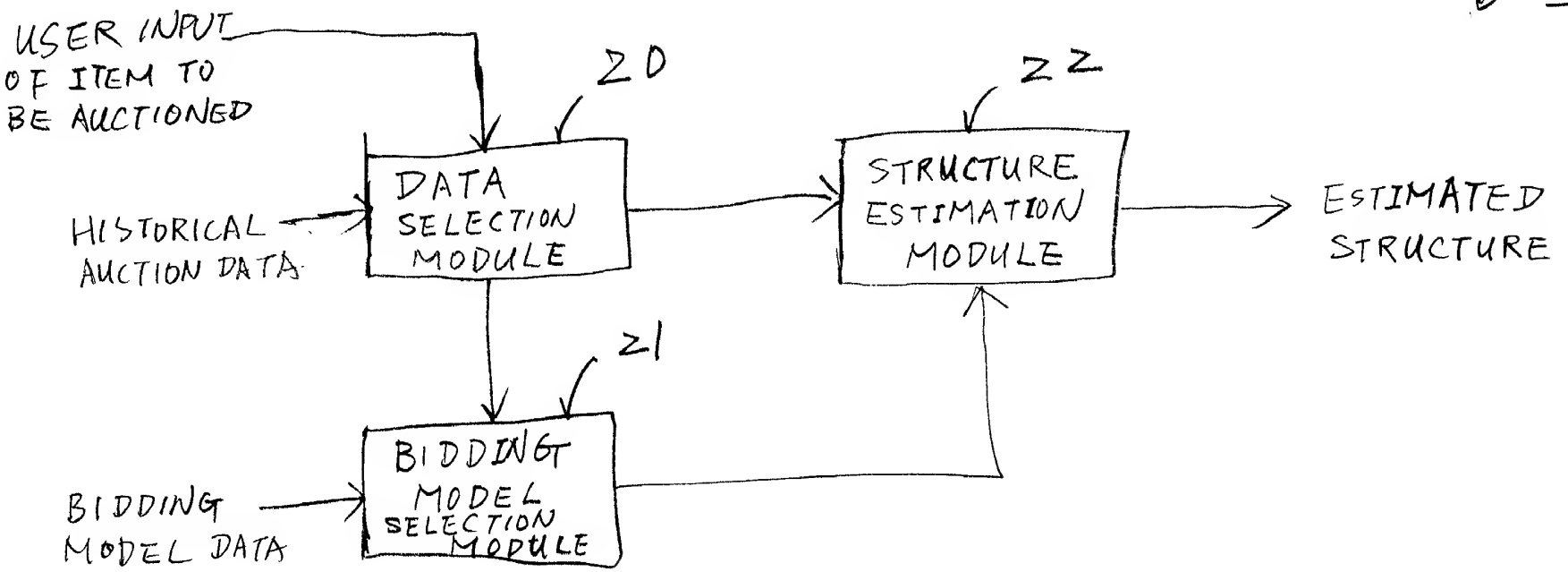

FIGURE 2

TOSTSO"TS2853860

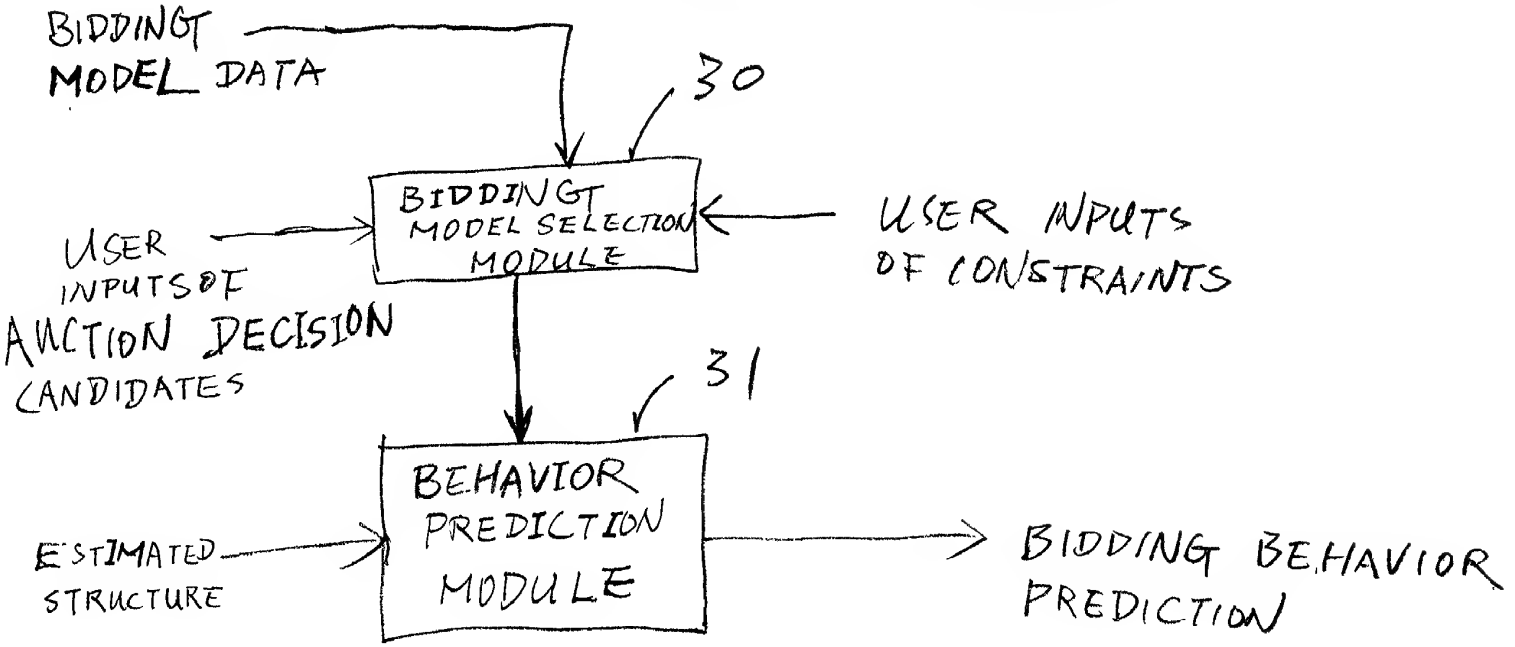

FIGURE 3

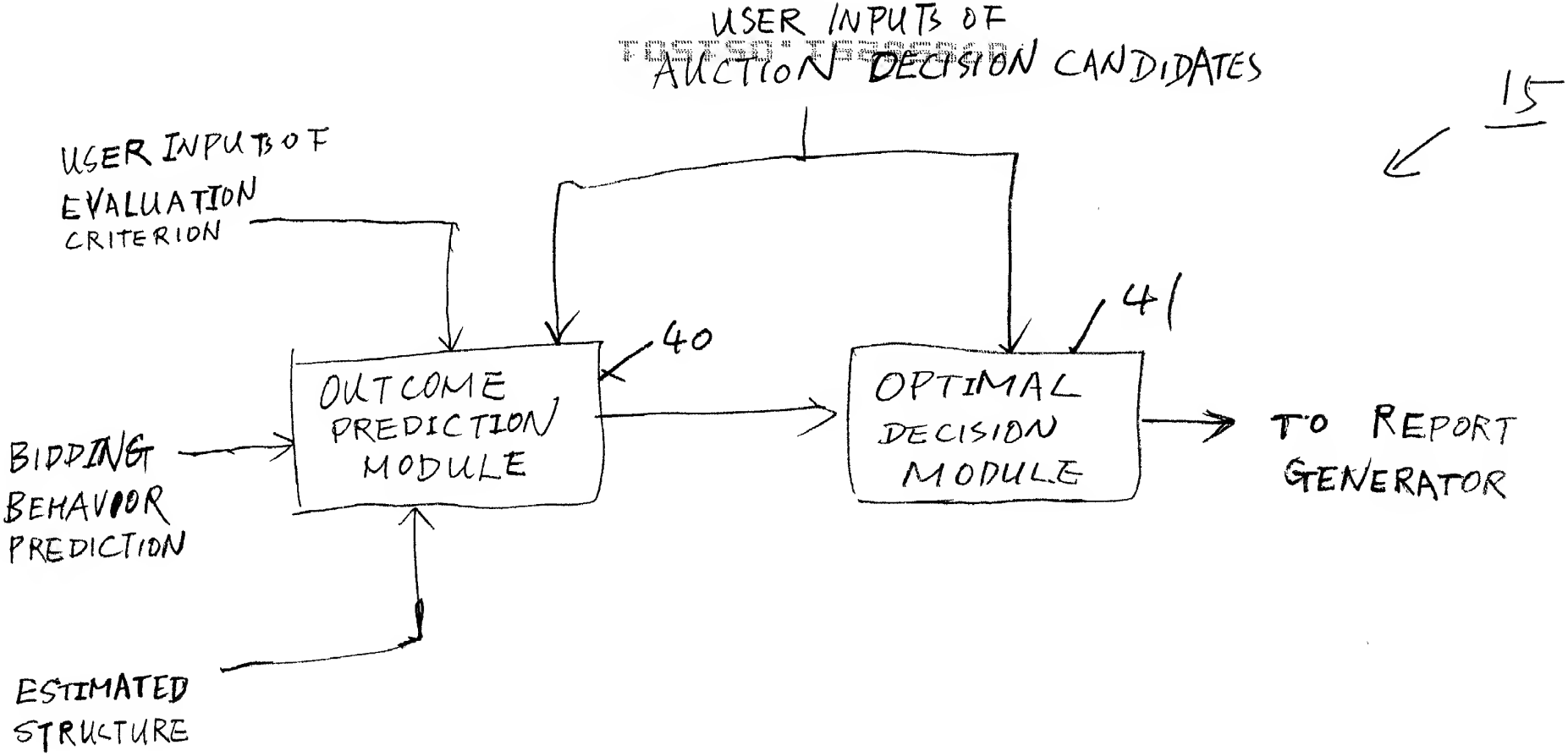
USER INPUTS OF AUCTION DECISION CANDIDATES
15
USER INPUTS OF EVALUATION CRITERION
40
41
OUTCOME PREDICTION MODULE
OPTIMAL DECISION MODULE
TO REPORT GENERATOR
BIDDING BEHAVIOR PREDICTION
ESTIMATED STRUCTURE

FIGURE 4

DATA SELECTION MODULE

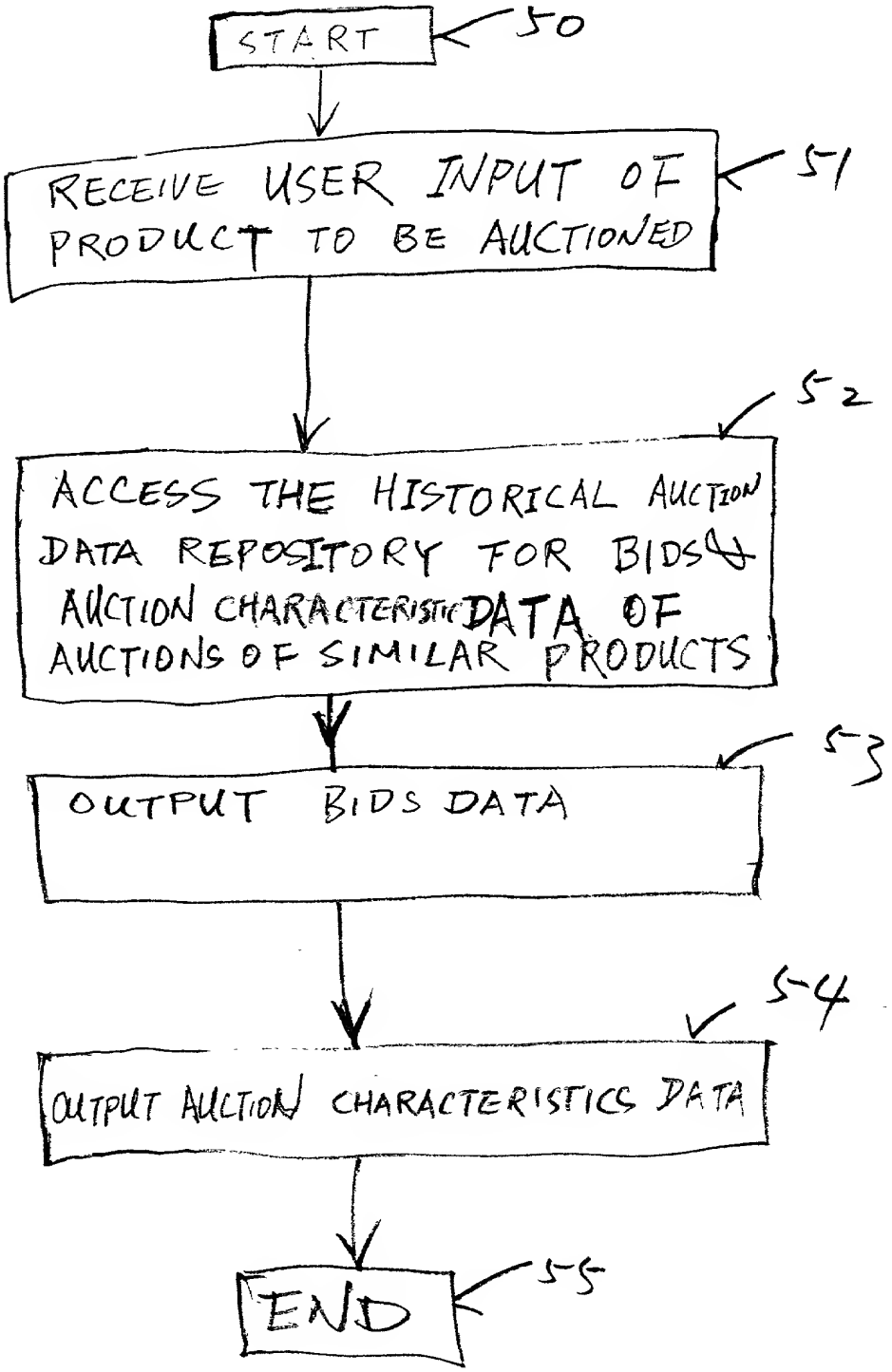

FIGURE 5

BIDDING MODEL SELECTION MODULE

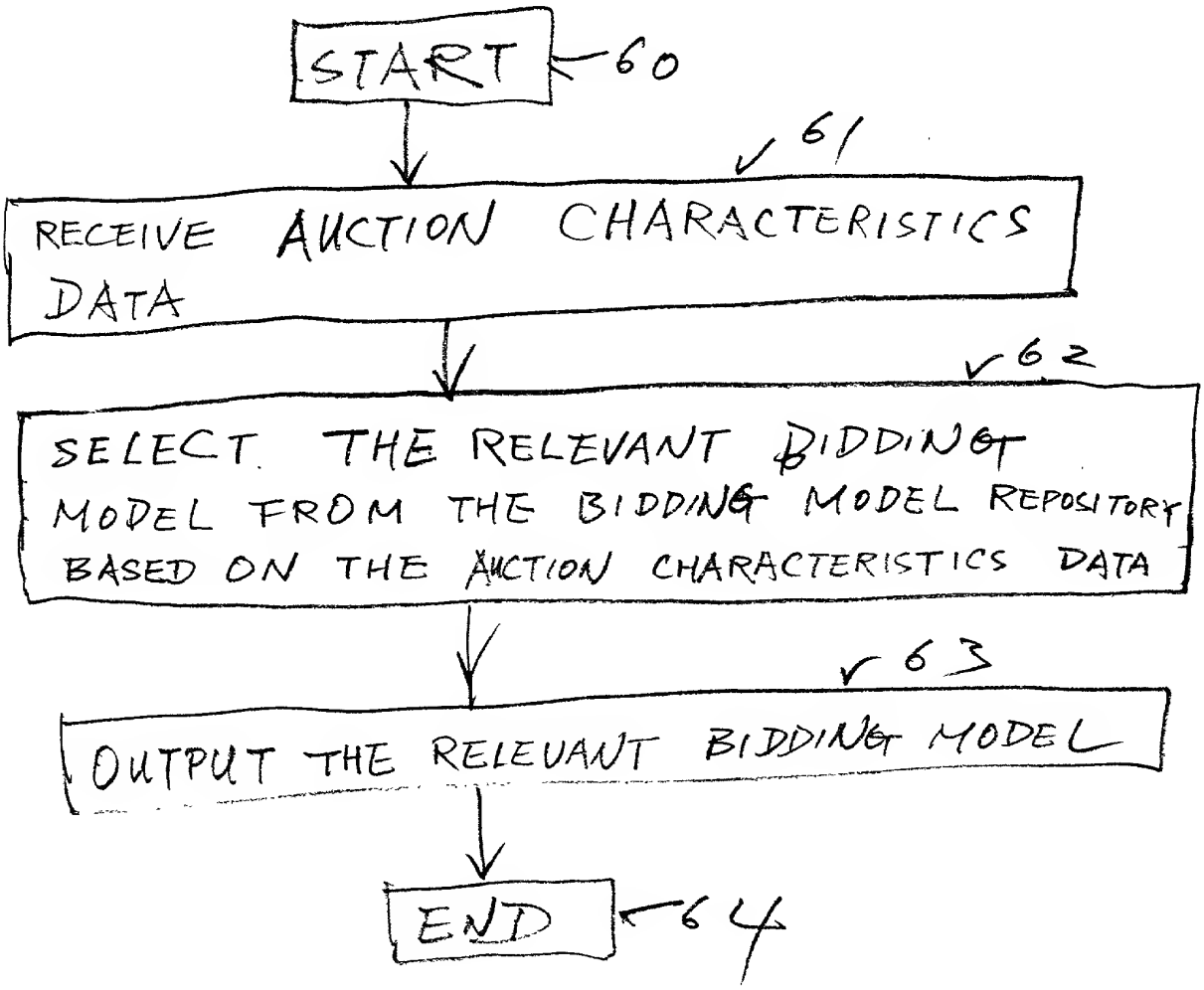

FIGURE 6

STRUCTURE ESTIMATION MODULE.

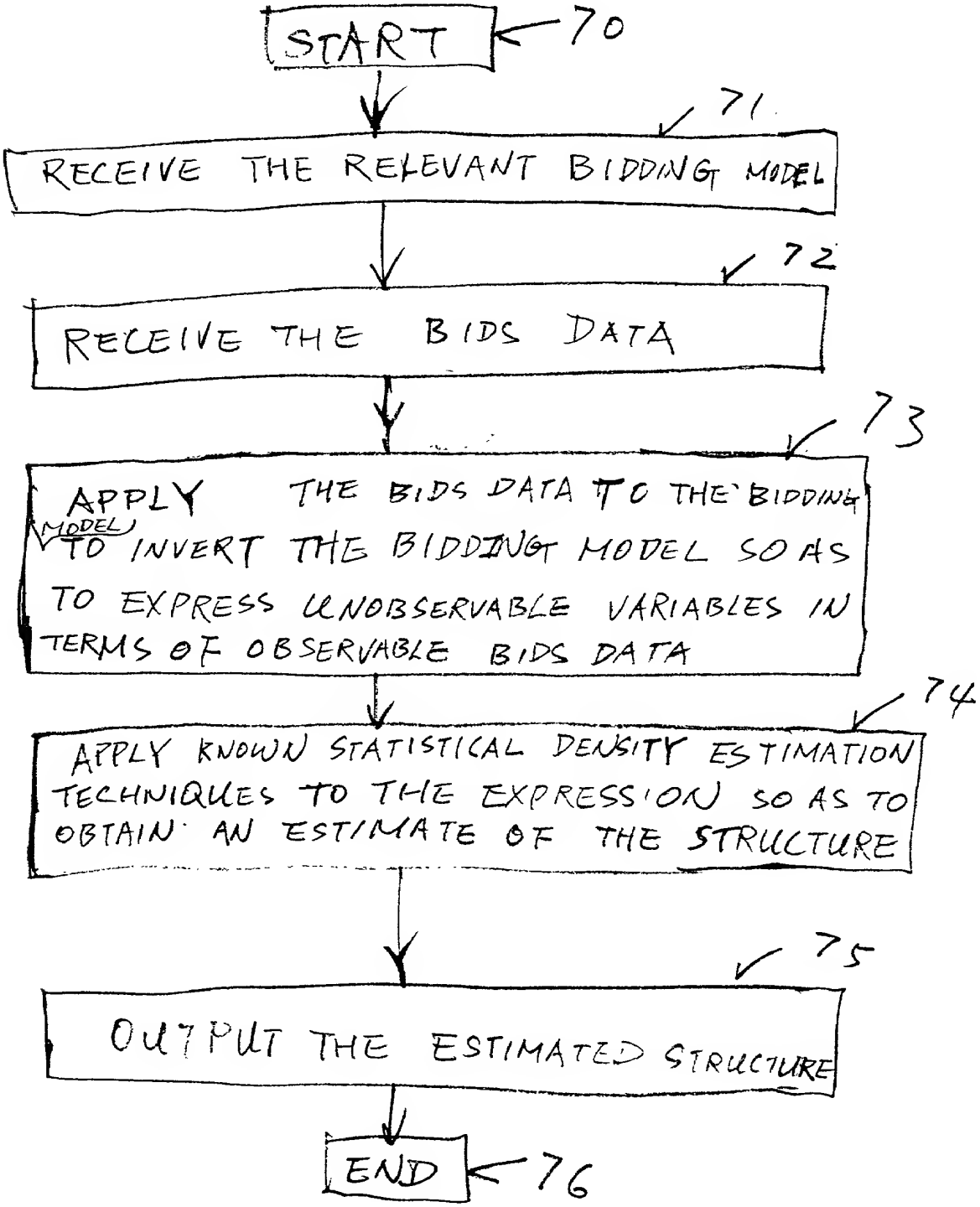

FIGURE 7

BEHAVIOR PREDICTION MODULE

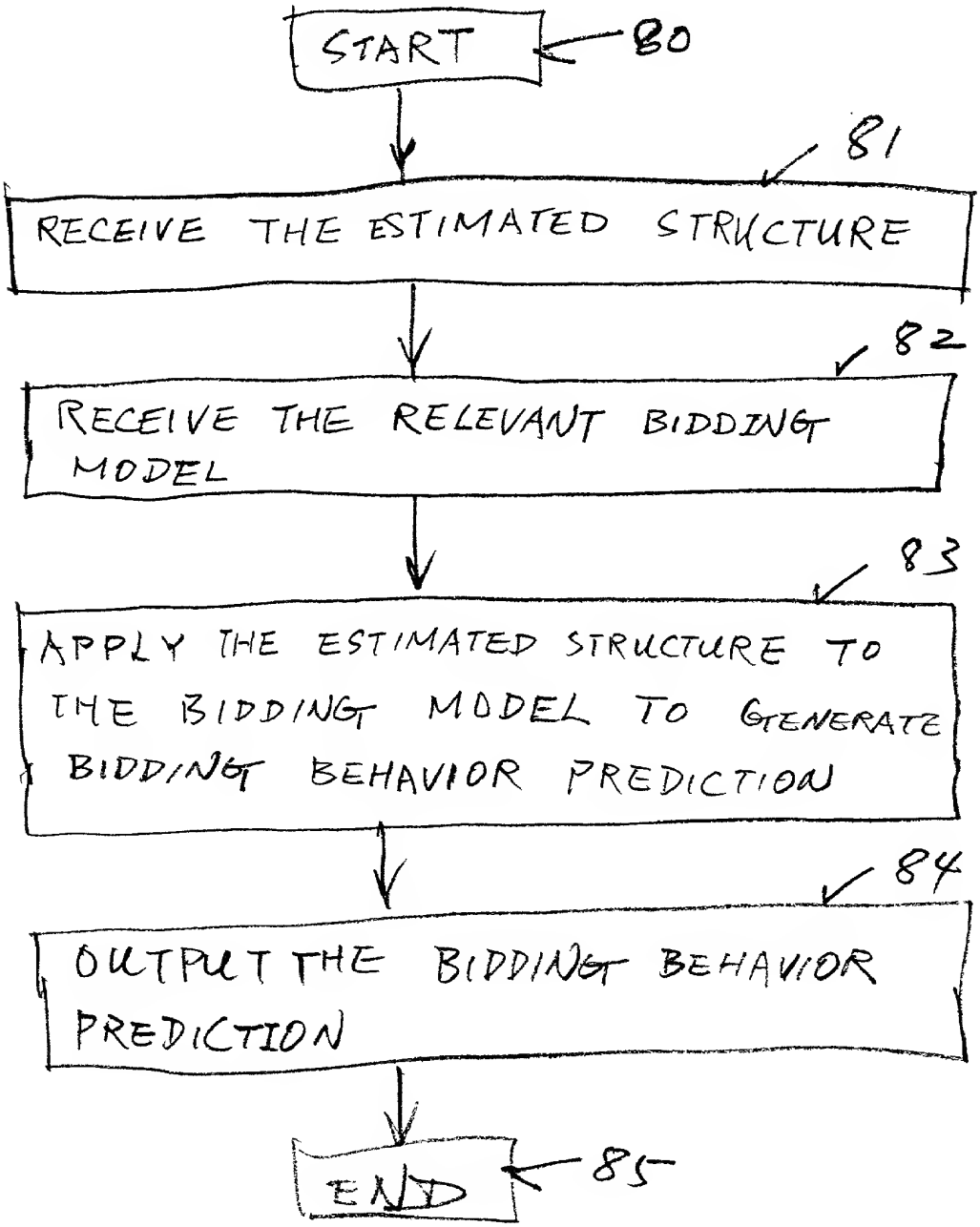

FIGURE 8

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OUTPUT PREDICTION MODULE

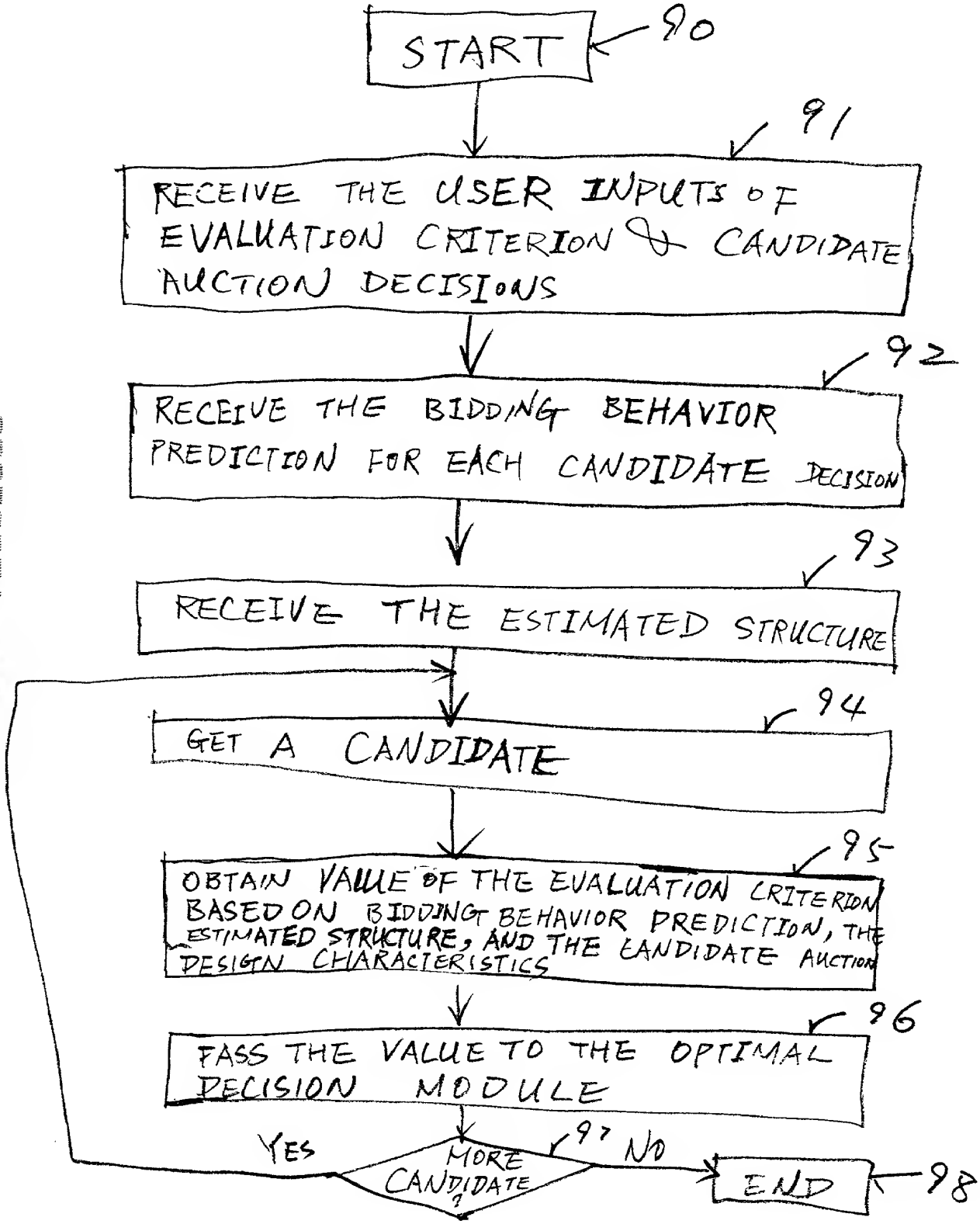

FIGURE 9

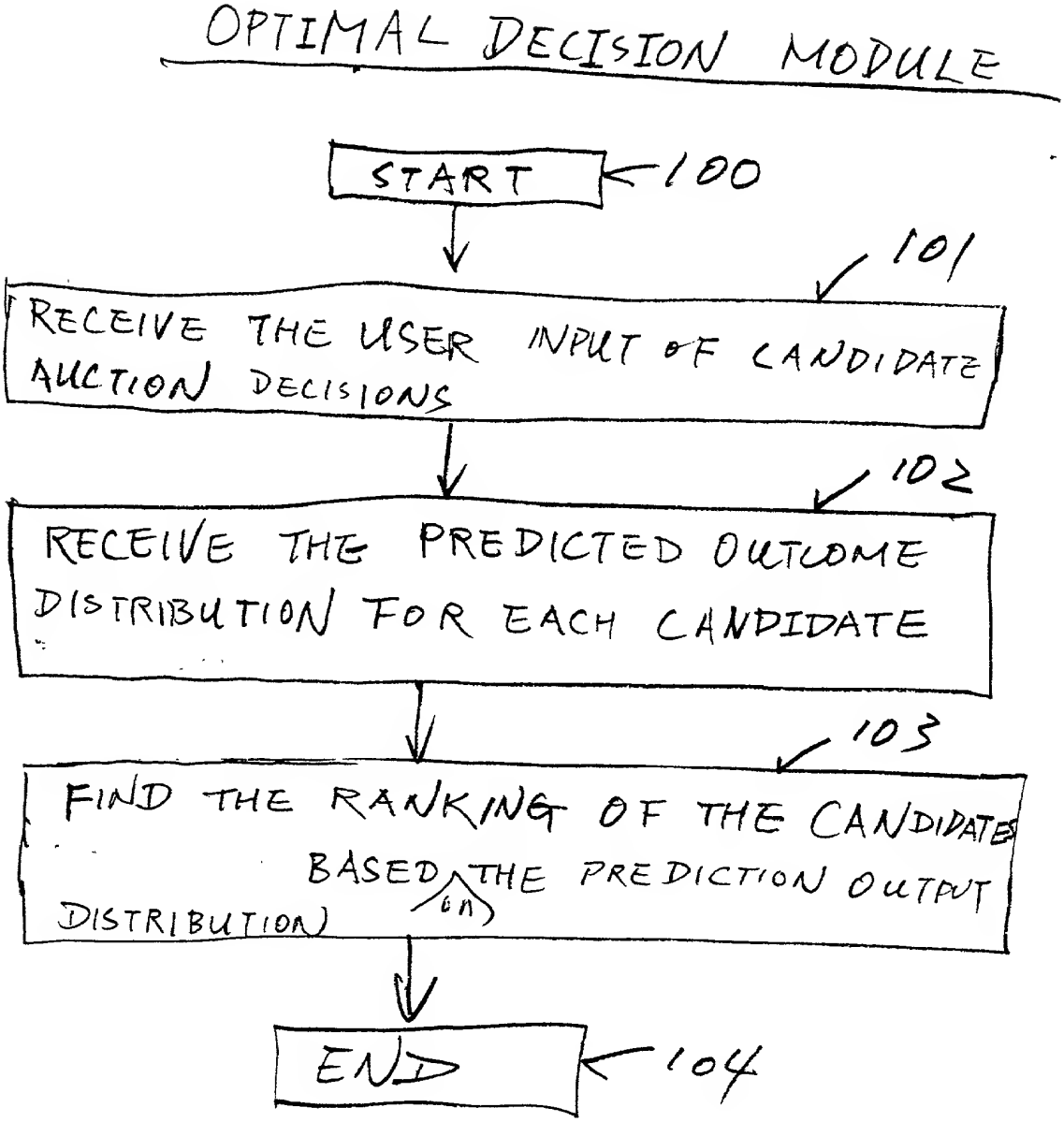
OPTIMAL DECISION MODULE
START
100
101
RECEIVE THE USER INPUT OF CANDIDATE AUCTION DECISIONS
102
RECEIVE THE PREDICTED OUTCOME DISTRIBUTION FOR EACH CANDIDATE
103
FIND THE RANKING OF THE CANDIDATES BASED ON THE PREDICTION OUTPUT DISTRIBUTION
END
104

FIGURE 10